NCS DATA DUMP PROCEDURE

1. VERIFY TIME CONSTRAINTS FOR A DATA DUMP

NOTE
Determine if the Dump requires a continuous uplink session or can be done with ZOEs. Verify if the selected communications path supports performing the dump in a reasonable amount of time.

2. BUILDING A DATA DUMP COMMAND
   If you want to select an already saved data dump command, go to step 3.

DNAV Command Inventory: Data Dump Preparation
Data Dump Preparation

Input OpsName.

NOTE
Required if you want to save the command in command inventory.

sel Source Device
Choose device from the list.

Optional
If you want to perform a dump of the NCS diagnostic buffer collection list buffer
sel Diagnostic Dump

Input Start Address.
Enter the starting address for the dump.
Input Word Count.
Enter the size of the data dump.

If the data dump is from DRAM
√Memory Type - DRAM

If the data dump is from EEPROM
√Memory Type - EEPROM

Optional
If you want to receive the data only once
sel One-Shot Delivery

Optional
Input Priority (None, High, Urgent, Critical)
Input Uplink after (time to uplink data load after)
Input Uplink by (time to perform uplink by)
Input Remarks (Remarks to FMT Manager)

Input Save Dump to File.
Select path/filename to save data dump to.

sel Select Dump File
Navigate to the directory you want to save the dump file to and select the filename.

sel Submit to FMT
Go to step 5.

3. SELECTING A USER BUILT DATA DUMP REQUEST

DNAV Command Inventory: Data Dump Command Inventory
Data Dump Command Inventory

Select the data dump command to uplink.
sel Uplink

4. COORDINATION WITH THE FMT MANAGER

DVIS Call ODIN on the FMT DVIS loop to coordinate the downlink request. ODIN will perform the data dump.

5. VIEWING THE DUMP STATUS

CDDT Node 1: C&DH: Primary(Secondary) MDM
Node 1: C&DH: MDM:Primary(Secondary)

√Frame Count - incrementing
MDM is operational.
√Dump Pipe - open

DNAV Downlink Manager
Downlink FMT Manager

√FMT Dump Status 100% complete